p.5

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-9 (Canceled)

- (Original) A surface emitting semiconductor laser system, comprising: 10.
 - a first cavity having a first reflector at a first end and a second reflector at a second end;
 - a second cavity having a third reflector at a first end and a fourth reflector at a second end;
 - a third cavity having a fifth reflector at a first end and a sixth reflector at a second end;
 - a fourth cavity having a seventh reflector at a first end and an eighth reflector at a second end;
- wherein the second reflector is reflective of a first wavelength of light but transmissive of a second wavelength of light;

wherein the fourth reflector is reflective of a the second wavelength but transmissive of the first wavelength;

wherein the sixth reflector is reflective of a third wavelength of light but transmissive of a fourth wavelength of light;

wherein the eighth reflector is reflective of the fourth wavelength but transmissive of light the third wavelength.

- (Original) The system of Claim 10, wherein the first, second, third, and fourth cavities all overlap 11. an outcoupling aperture.
- (Original) The system of Claim 10, wherein each cavity resonates at a different wavelength. 12.
- (Original) The system of Claim 10, wherein the first, third, fifth, and seventh reflectors are 13. shallow distributed Bragg reflector gratings.
- (Previously Presented) The system of Claim 10, wherein the second, fourth, sixth, and eighth 14. reflectors are deep distributed Bragg reflector gratings.

15 - 19 (Canceled)